ELSEVIER

Toxicology Letters 93 (1997) 223–224

Toxicology Letters

Volume contents

Volume 93 (1997)

Medetomidine protection against diazinon-induced toxicosis in mice
L.K. Yakoub, F.K. Mohammad (Iraq) 1
Uptake and tissue distribution of chromium(III) in mice after a single intraperitoneal or subcutaneous administration
M.A. Sipowicz, L.M. Anderson, W.E. Utermahlen Jr., H.J. Issaq, K.S. Kasprzak (USA) 9
The contribution of oxidation and deacetylation to acetaminophen nephrotoxicity in female Sprague-Dawley rats
C.A. Mugford, J.B. Tarloff (USA) 15
In situ rat brain and liver spontaneous chemiluminescence after acute ethanol intake
A. Boveris, S. Llesuy, L.A. Azzalis, L. Giavarotti, K.A. Simon, V.B.C. Junqueira, E.A. Porta, L.A. Videla, E.A. Lissi (Argentina, Brazil, USA, Chile) 23
Suppression of microsomal cytochrome P450-dependent monooxygenases and mitochondrial oxidative phosphorylation by fullerenol, a polyhydroxylated fullerene C_{60}
T.-H. Ueng, J.-J. Kang, H.-W. Wang, Y.-W. Cheng, L.Y. Chiang (Taiwan, ROC) 29
Polycyclic aromatic hydrocarbons-induced vasorelaxation through activation of nitric oxide synthase in endothelium of rat aorta
J.-J. Kang, Y.-W. Cheng (ROC) 39
Reactive oxygen species generated by cyanide mediate toxicity in rat pheochromocytoma cells
A.G. Kanthasamy, B. Ardelt, A. Malave, E.M. Mills, T.L. Powley, J. L. Borowitz, G.E. Isom (USA) 47
Salivary lead and cadmium in a young population residing in Mexico city
M. Gonzalez, J.A. Banderas, A. Baez, R. Belmont (Mexico) 55
Potentiation of iron-induced lipid peroxidation by a series of bipyridyls in relation to their ability to reduce iron
Y. Fernandez, F. Anglade, S. Mitjavila (France) 65
Effect of administration of malathion for 90 days on macrophage function and mast cell degranulation
K. Rodgers, S. Xiong (USA) 73

Book reviews 83
Instructions to authors 85

p53 Protein expression in peripheral lymphocytes from atrazine chronically intoxicated rats
C. Cantemir, C. Cozmei, B. Scutaru, S. Nicoara, E. Carasevici (Romania) 87
Inhibition and aging of neuropathy target esterase by the stereoisomers of a phosphoramidate related to methamidophos
M. Angel Sogorb, N. Diaz-Alejo, M.C. Pellin, E. Vilanova (Spain) 95
Development of an experimental model of epilepsy in rats exposed to ozone
C. Escalante-Membrillo, C. Paz (Mexico) 103
Developmental toxicity evaluation of phthalic acid, one of the metabolites of phthalic acid esters, in rats
M. Ema, E. Miyawaki, A. Harazono, K. Kawashima (Japan) 109
Effects of Nω-nitro-L-arginine and L-arginine on quinolinic acid-induced lipid peroxidation
A. Santamaria, D. Santamaria, M. Diaz-Muñoz, V. Espinoza-González, C. Rios (Mexico) 117
Contact hypersensitivity to disodium hexachloroplatinate in mice
H.-C. Schuppe, J. Kulig, C. Lerchenmüller, D. Becker, E. Gleichmann, P. Kind (Germany) 125

Metallothionein-independent hepatoprotection by zinc and sakuraso-saponin
N. Itoh, T. Kimura, H. Nakanishi, N. Muto, M. Kobayashi, I. Kitagawa, K. Tanaka (Japan) 135
Influence of methylglyoxal on antioxidant enzymes and oxidative damage
D. Choudhary, D. Chandra, R.K. Kale (India) 141
In vivo induction of sister chromatid exchange in mouse bone marrow following oral exposure to commercial formulations of alpha-cyano pyrethroids
L.K.S. Chauhan, D.K. Agarwal, V. Sundararaman (India) 153
Cutaneous toxicity of the benzidine dye direct red 28 applied as mechanistically-defined chemical mixtures (MDCM) in perfused porcine skin
R.E. Baynes, N.A. Monteiro-Riviere, G.L. Qiao, J.E. Riviere (USA) 159
Vinorelbine: cell cycle kinetics and differential sensitivity of human lymphocyte subpopulations
M. González-Cid, I. Larripa, I. Slavutsky (Argentina) 171
Rate of pyrene metabolism in rat liver post-mitochondrial fractions
S. Haddad, R. Tardif, J. Withey, K. Krishnan (Canada) 177
TDI inhalation in guinea-pigs involves migration of dendritic cells
M. Ban, D. Hettich, M. Goutet, P. Bonnet (France) 185
Induction of cytochromes P450 2B and 2E1 in rat liver by isomeric picoline *N*-oxides
M. Murray, R.M. Sefton, R. Martini, A.M. Butler (Australia) 195
Hydroquinone increases the frequency of micronuclei in a dose-dependent manner in mouse bone marrow
G.C. Jagetia, R. Aruna (India) 205
HIV protease inhibitors, saquinavir, indinavir and ritonavir: inhibition of CYP3A4-mediated metabolism of testosterone and benzoxazinorifamycin, KRM-1648, in human liver microsomes
T. Inaba, N.E. Fischer, D.S. Riddick, D.J. Stewart, T. Hidaka (Canada, Japan) 215

Preliminary Announcement 221
Volume contents 223
Author index 225
Subject index 227